

www.yaltes.com/ect1

YALTES

Electronic **Cabinet** Type 1



Electronic Cabinet Type 1

Electronic Cabinet Type-1 is a military type 19" extreme rugged cabinet engineered to support subsystem integration for submarines. Electronics Cabinet Type-1 is a modular and flexible concept from YALTES designed for naval applications. Electronics Cabinet Type-1 ensures that housed COTS units and equipment are protected from the severe environmental conditions.

Electronic Cabinet Type-1 provides;

- › Ease of access, maintenance and repair
- › Stable and rugged mechanical structure
- › Automated anti-condensation heating capability
- › Displays Electronic Cabinet functions in the Human Machine Interface

TECHNICAL DATA

Interfaces:

Up to 60 signal interfaces with MIL-DTL-38999 Series III type connectors

Connections via modular connector panels

HMI:

- Luminous alarm for critical faults.
- Alphanumeric Status Display

Power:

- 115 Volts, 60 Hz

Cooling:

- Water cooling
- Air cooling for emergency cases

Structure:

- Heavy-duty aluminum construction
- SurTec 650 environmental friendly surface
- Bottom and back mounted shock absorbers

Electronic Cabinet Type-1;

- › Contains a fire extinguisher inlet for fire cases inside the cabinet
- › Houses data network & video network units and computer clusters with software
- › Includes redundant network interfaces (Gigabit Ethernet Speed) that can access all data networks



ENVIRONMENTAL FEATURES

| | |
|---|-------------------------------------|
| Temperature | MIL-STD-810G |
| Humidity | MIL-STD-810G 507.5 |
| Vibration | MIL-STD-167-1 Type I |
| Structure borne Vibratory Acceleration Measurements | MIL-STD-740-2 |
| Audible Noise | MIL-STD-1474D |
| Shock | MIL-S-901D Shock Resistance Grade A |
| Ingress Protection | MIL-STD-108E IP X2 |

Dimensions: 60x54x183 cm (WxDxH)

Weight: 250 kg (Typical Payload)

Electronic Cabinets Type-1 are in full series production and in use on board Preveze class Submarines.

YALTES and/or its suppliers. This information carrier contains proprietary information which shall not be used, reproduced or disclosed to third parties without prior written authorization by and/or its suppliers, as applicable. Data on this sheet may be subject to change without notification.

2022

